

Converting Colors

Hex(0C1D0C)

Have a look what the booklet for
Hex(0C1D0C) contains.

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Color

Hex(0C1D0C)

Conversions

Conversions Part 1

Format	Color
Hex	0C1D0C
RGB	12, 29, 12
RGB Percent	5%, 11%, 5%
CMY	0.9529, 0.8863, 0.9529
CMYK	0.59, 0.00, 0.59, 0.89
HSL	120°, 41%, 8%
HSV	120°, 59%, 11%
XYZ	0.6573, 0.9834, 0.5030
YIQ	21.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

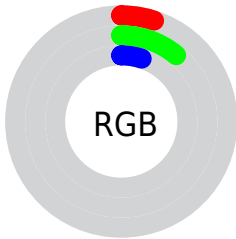
Format	Color
R_{YB}	12, 29, 29
Decimal	793868
CIE Lab	8.85, -11.23, 8.07
CIE LCh	9, 13.829, 144.305
Yxy	0.9834, 0.3066, 0.4587
Android (android.graphics.Color)	4278983948 (0xFF0C1D0C)
YUV	21.9790, -4.9196, -8.7516
Hunter-Lab	9.9168, -5.5225, 3.9345

Details

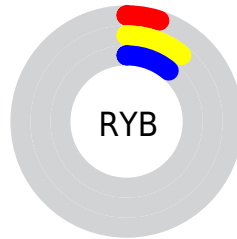
The Hex color **0C1D0C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1D0C1D**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **364937**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091D09**, and if you desaturate by 10%, it is **0F1D0F**.

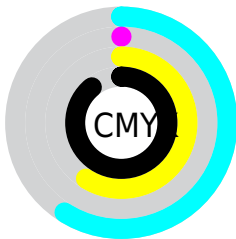
Distribution



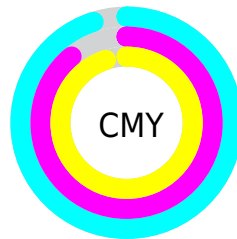
- Red (5%)
- Green (11%)
- Blue (5%)



- Red (5%)
- Yellow (11%)
- Blue (11%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (89%)



- Cyan (95%)
- Magenta (89%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1D0C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0C1D0C by changing the saturation by 10% instead.

■ 0C1D0C

■ 0C1D0C

■ EBF FEC

■ 000000

■ 364937

■ 4D604E

■ 667966

■ 7F937F

■ 99AE99

■ B3C9B4

■ CFE5CF

■ 0C1D0C

■ 0C1D0C

■ 091D09

■ 0F1D0F

■ 061D06

■ 121D12

■ 031D03

■ 151D15

■ 001D00

■ 181D18

■ 1B1D1B

■ 1D1D1D

■ 201D20

■ 231D23

■ 261D26

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191B01



0C1D0C



001E17

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C1D0C



061B2B



2B1211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0C1D0C



1D0C1D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29121B



0C1D0C



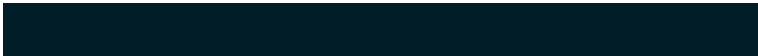
17172A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0C1D0C



001D28



231424



281505

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0C1D0C



001E1D



231424



2B1215

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0C1D0C



1F261F



1D1D0C



101410



949494



141414

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0C1D0C



0B260B



0C1D14



0E0F0E



004F00



00CF00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1D0C1D



260B26



1D0C14



0F0E0F



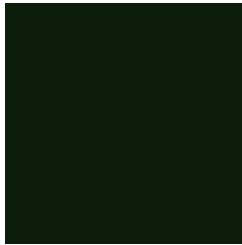
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 0C1D0C looks on a white background.

Color Contrast Check

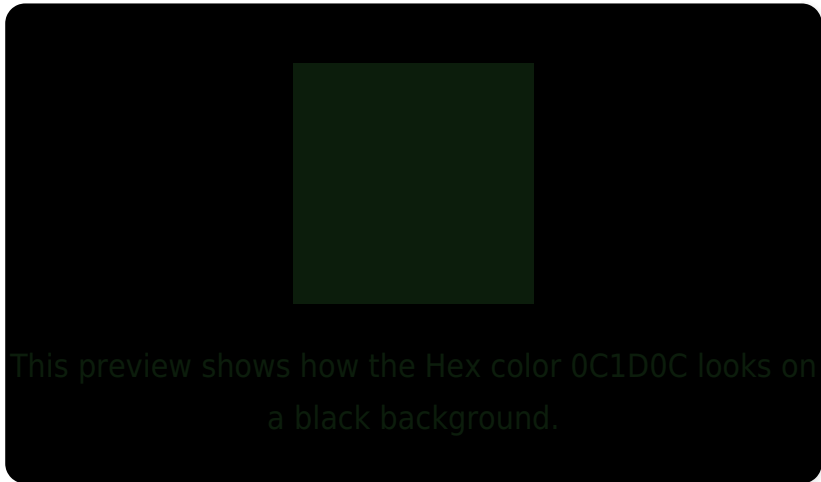
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

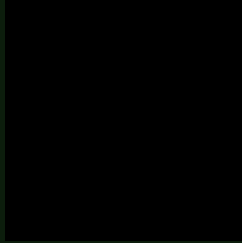
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

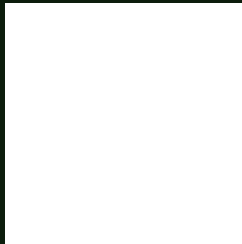
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C1D0C Background



This preview shows how black text looks on a background with the Hex color 0C1D0C.

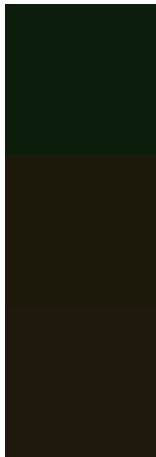


This preview shows how white text looks on a background with the Hex color 0C1D0C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0C1D0C

Protanopia
1C190B

Deuteranopia
1F180D



Tritanopia
101B1D

Trichromacy



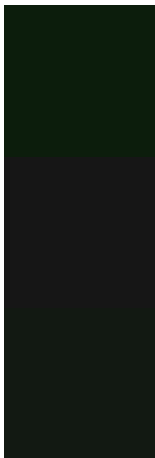
Original Color
0C1D0C

Protanomaly
161A0B

Deuteranomaly
181A0D

Tritanomaly
0F1C17

Monochromacy



Original Color
0C1D0C

Achromatopsia
161616

Achromatomaly
121912

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1D0C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0C1D0C looks like.

```
.text, #text, p{  
    color:#0C1D0C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0C1D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1D0C
}
```

Border

The CSS property to change the border of an element to Hex 0C1D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C1D0C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0C1D0C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0C1D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1D0C; -webkit-box-shadow:4px 4px  
4px 4px #0C1D0C; box-shadow:4px 4px 4px  
4px #0C1D0C }
```

Background

The CSS property to change the background color of an element to Hex 0C1D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1D0C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0C1D0C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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